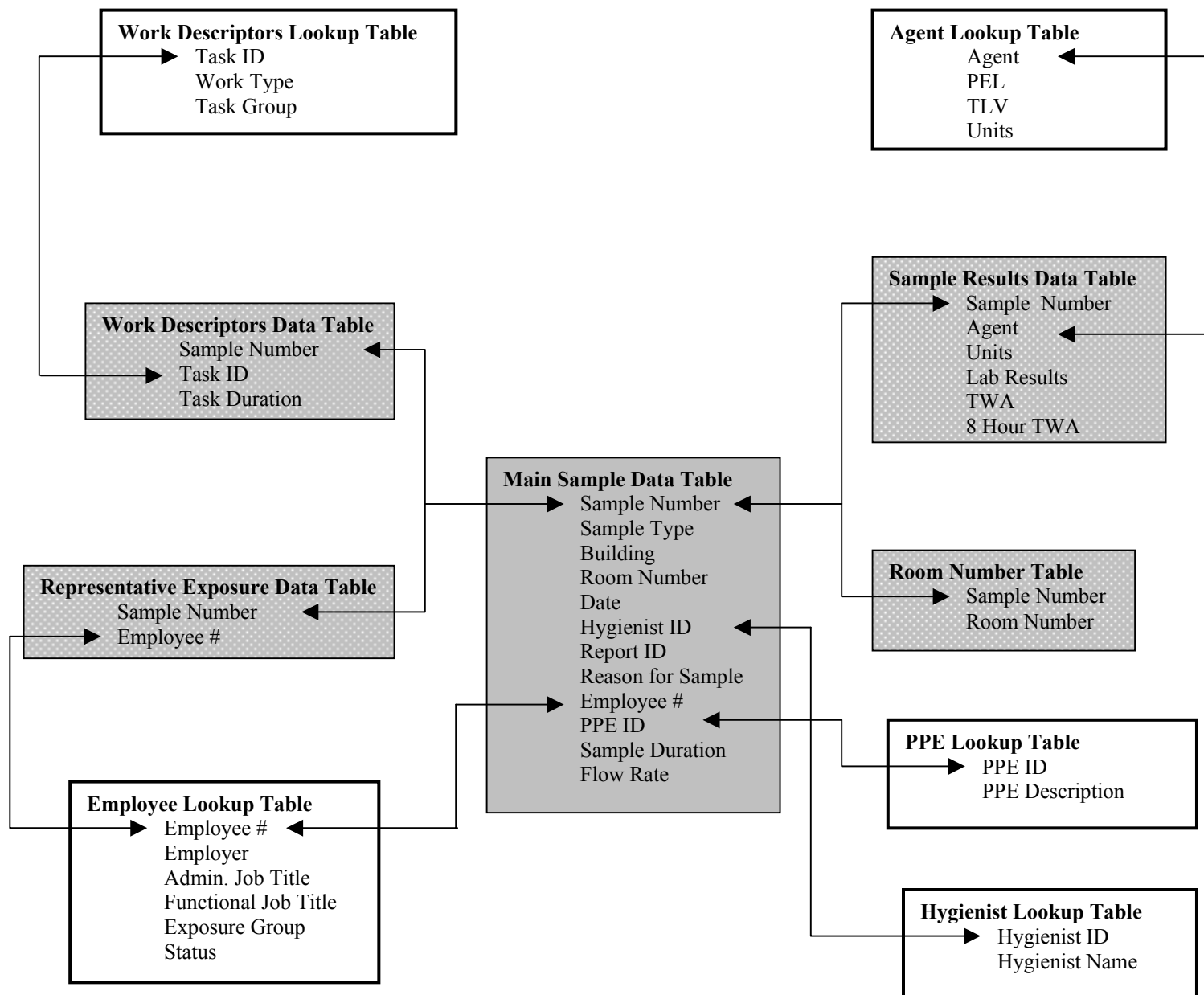


Appendix I

Database Structure

Figure AI-1 – Simplified Database Structure



Appendix II

Task Definitions and Examples

TASK DICTIONARY & EXAMPLES

Each Work Type has been coded with a two letter abbreviation coupled with a number (e.g. CU1 = first category of cleanup). This will allow future additions to be coded sequentially in the appropriate Work Type. All task groups that are not covered by the existing choices should be assigned code 99 in the appropriate work type. Frequent use of 99 categories is one way for system operators to know there's a need for task coding improvements.

CLEANUP

This work type includes anything to do with cleaning up chemical or radiological contamination. D & D operations, generally speaking, are synonymous with cleanup. This applies to both indoor and outdoor operations.

CU1.	Use of hand tools for size reduction, dis-assembly, etc.
------	--

Definition:

Use of hand tools—other than powered—for size reduction, dis-assembly, etc. Refers to small-scale size reduction (e.g., crane-mounted shears to conduct size reduction of steel structural materials would go under CU14 below)

Examples:

- Dis-assembling vacuum coater for packaging and shipping off-site

CU2.	Use of powered tools (e.g. Sawzall, drill) for size reduction, dis-assembly, etc.
------	---

Definition:

Similar to above, except involving use of powered tools

Examples:

- Size reduction materials using Sawzall

CU3.	Hot cutting or welding
------	------------------------

Definition:

Hot cutting of metal for disposal or re-cycling, or welding

Examples:

- Torch cutting of steel frames for recycling or disposal

CU4.	Decon: Wet methods
------	--------------------

Definition:

The use of any wet method to remove either radiological or chemical contamination from a surface, piece of equipment, etc.

Examples:

- Use of citrus-based liquid cleaning solution on rags to wipe surface contamination from a piece of equipment
- Spray-washing with nitric acid and serum mixture to remove dry, hardened, radiologically-contaminated materials from walls

- Scraping sludge out of catch pans
- Decon of surfaces by wet wiping with Mariko decon soap

CU5.	Decon: Mechanical methods (e.g. dry wiping, sweeping)
------	---

Definition:

The use of mechanical methods to remove either radiological or chemical contamination from a surface, piece of equipment, etc.

Examples:

- Scraping coatings
- Dry sweeping a contaminated area

CU6.	HEPA Vacuuming
------	----------------

Definition:

Use of HEPA vacuum to collect dusts or other particulates

Examples:

- HEPA vacuuming of particulate contamination on old piece of equipment

CU7.	Abrasive methods (e.g. sanding, grinding, CO2 blasting)
------	---

Definition:

Use of abrasive methods to remove coatings, contamination, etc. (use this category instead of CU9 [Coating Removal] if abrasive methods used).

Examples:

- CO2 blasting of radiologically contaminated materials in chamber

CU8.	Draining of pipe, tank, or other container
------	--

Definition:

Draining of a pipe, tank, or other container for the purpose of shipping waste materials off-site, including empty container.

Examples:

- Pumping remaining coolant out of grinder catch pans
- Removal of sludge from quench tank, and filtering remaining liquid in a hood
- Pumping out liquid contained within cut-off saw

CU9.	Coating removal (paint, adhesives, etc.)
------	--

Definition:

Removal of paint, adhesives, or other materials from a surface using non-abrasive methods (classify as CU7 if use abrasive methods)

Examples:

- Removal of yellow hazard paint from concrete floor

CU10.	Asbestos removal/abatement (including clearances samples)
-------	---

Definition:

Removal or containment of asbestos containing materials

Examples:

- Glove bag removal of asbestos insulation from steam pipe

CU11.	On-site transport of waste materials
-------	--------------------------------------

Definition:

Transportation of waste materials from place of origin to next holding/shipping point

Examples:

- Moving disassembled equipment parts to collection point

CU12.	Materials consolidation
-------	-------------------------

Definition: Gathering together of materials (usually from various locations within a building) for packaging, recycling, etc.

Examples:

- Collection of beryllium materials throughout a given building

CU13.	Sorting, packaging, or re-packaging waste materials
-------	---

Definition: Sorting, packaging, or re-packaging materials that will be either recycled or disposed of. Includes packaging for on-site as well as off-site transportation. This category could also be considered as “disposition.”

Examples:

- Opening drums, removing beryllium materials for radiological survey, then re-packaging
- Placing packaged beryllium powder in drums for disposition
- Opening up containers to determine/confirm what is inside them

CU14.	Demolition of buildings or other large structures
-------	---

Definition:

Structural demolition, usually involving remotely operated large machinery

Examples:

- Knock down and removal of fuel storage tanks
- Knock down and removal of a building
- Use of crane-mounted hydraulic shears to demolish structures

CU15.	Environmental remediation
-------	---------------------------

Definition:

Remediation of environmental contamination

Examples:

- Digging up buried barrels from Trench sites

- Removing contaminated soil from Trench sites

CU16.	Application of fixatives to surfaces to contain contaminants
-------	--

Definition:

Application of fixatives to fix contamination prior to demolition

- Application of latex paint to fix radiological contamination

CU17.	Polymer Macro-Encapsulation
-------	------------------------------------

Definition: Use of epoxy or other polymer resins to encapsulate contaminated materials. Involves mixing fly ash with epoxy, then encapsulating materials with the mixture

Examples:

- Pour fly ash into mixing tub with epoxy, then mix.
- Add encapsulation mixture to drums containing beryllium and lead bricks

CU99.	Miscellaneous--not covered by current coding choices
-------	---

Definition: Any specific cleanup tasks or groups of cleanup tasks that are not captured by the categories above--to be used only when necessary. Where specific uncoded tasks turn up repeatedly, the task list can be edited to include the new tasks. Hygienists are requested to bring such cases to the attention of system operators who can edit the task list accordingly.

WASTE MANAGEMENT

This work type addresses the management of waste after it has been removed from its original location or purpose.

WM1.	Waste treatment (e.g. thermal desorption, vitrification)
------	--

Definition:

Treatment of waste materials to isolate contaminants

Examples:

- Thermal desorption of contaminated soil to remove solvents

WM2.	Waste storage operations (draining, venting, aspirating, etc. of any type of container, including tanks, drums, pipes, etc.)
------	--

Definition:

Operations on contaminated materials that have already been packaged or stored as waste. To clarify difference with CU8 above: draining of contaminated material from pipes, tanks, or other containers in their original form (e.g., as part of machines) coded differently from draining waste storage drum (WM2).

Examples:

- Heat-testing of drums before shipping
- Tank or drum venting
- Visual inspection of HWMU's per RCRA regulations (even w/o actively handling or opening to inspect)

WM3.	Handling wet combustibles (high solvent content)
------	--

Definition:

Handling or managing wet combustible waste materials.

Examples:

- Checking a drum of rags, filters, or fiber board materials that have been soaked with carbon tet or trichloroethylene.

WM4.	Leak/spill response or follow-up (environmental or indoors)
------	---

Definition:

Response to a leak or spill of hazardous agents. Applies to emergency or non-emergency response (e.g., EM responders, OHS staff, workers)

Examples:

- Asbestos BZ sample of OSH staff person investigating a reported disturbance of suspect friable material
- Follow-up sample after a leak or spill

WM99.	Miscellaneous--not covered by current coding choices
-------	--

Definition:

Similar to above for miscellaneous CU samples.

ASSESSMENT OF CONTAMINATION

Refers to collection of sampling data on hazardous agents, usually as performed by health & safety staff (industrial hygienists, RCT's, etc.)

AC1.	Collection of samples or use of Direct Reading Instrument (e.g. Geiger Counter, Organic Vapor Meter)
------	--

Definition:

Assessment of contamination of a material or assessment of exposure during a work activity, either qualitative or quantitative

Examples:

- IH sampling her- or himself while s/he conducts sampling on workers performing a task with potential exposures (e.g., beryllium, solvents, etc.)
- Solvent sampling of staff during heat-testing of drums prior to shipping off-site
- BZ beryllium sample on RCT during radiological survey of beryllium materials before shipping off-site
- Sampling of worker engaged in soil contamination assessment

OBSERVATION

OB1.	Observation of any Work Type or Task Group
------	--

Definition:

Observation of activities by worker (e.g. trainee), supervisor, visitor, or other person

Examples:

- Manager or visitor is sampled while observing workers conduct task with potential exposures

FACILITY MAINTENANCE

FM1.	House-keeping (e.g. mopping, sweeping, trash removal)
------	---

Definition:

Performing routine house-keeping functions for a building or area

Examples:

- Sampling of workers sweeping an area with potential for hazardous contaminants in dust

FM2.	Ventilation system maintenance
------	--------------------------------

Definition: Performing any type of work on ventilation systems

Examples:

- Dioctyl phthalate (DOP) testing of final plenum stages
- Ventilation filter checking or replacing

FM3.	General maintenance of equipment or building (e.g. building repairs, bulb replacement, minor construction)
------	--

Definition: Maintenance or repairs of equipment or buildings on site. Roughly synonymous with landlord functions. Distinct from cleanup activities.

Examples:

- Sampling of worker drilling holes in a wall suspected to contain asbestos.
- Sampling of worker changing light bulbs in dusty area

FM99.	Miscellaneous--not covered by current coding choices
-------	---

Definition:

As above

PROCESS VERIFICATION

PV1.	Production, usually limited, done for purposes of verifying processes or techniques
------	---

Definition: (adequately defined in code box)

Examples:

- Pilot testing of vitrification process with surrogate waste materials (e.g. sampling for total dust).

PV99	Miscellaneous--not covered by current coding choices
------	---

Definition:

As above.

CONVERSION

CV1.	Re-furbishment of equipment
------	-----------------------------

Definition: Re-furbishing or re-conditioning of old equipment for new uses.

Examples:

- Re-conditioning a metal press for conversion to use in making waste containers from on-site recycled materials.
- Converting equipment in from production to salt and ash re-processing.

CV2.	Re-furbishment of building
------	----------------------------

Definition: Re-furbishment, renovation, or rearrangement of building interior or exterior to provide for new use

Examples:

- Moving walls inside building for conversion to use in making waste containers from on-site recycled materials.

CV99.	Miscellaneous--not covered by current coding choices
-------	---

Definition:

As above.

Appendix III

Administrative Job Titles, Functional
Job Titles, and Exposure Categories

Table AIII-I – Administrative job titles with associated functional job titles

Administrative Job Title	Functional Job Title
Accountant	Accountant
Accounting Technician	Accountant
Administrative Team Lead	Administrative Team Lead
Administrative Technician	Admin Technician
Armed Security Guard	Security Guard
Assoc Accountant	Accountant
Assoc Buyer	Buyer
Assoc Chemist	Chemist
Assoc Communication Specialist	Communication Specialist
Assoc Compliance Specialist	Compliance Specialist
Assoc Cost Estimator/Scheduler	Cost Estimator/Scheduler
Assoc Engineer	Engineer
Assoc Engineering Technologist	Engineering Technologist
Assoc Fellow Engineer	Fellow Engineer
Assoc Fellow Scientist	Fellow Scientist
Assoc Firefighter	Firefighter
Assoc Human Resource Splst	Human Resource Specialist
Assoc Industrial Hygienist	Industrial Hygienist
Assoc Management Integrator	Management Integrator
Assoc Procurement Specialist	Procurement Specialist
Assoc Specialist	Specialist
Assoc Technical Writer/Editor	Technical Writer/Editor
Assoc Technician	Technician
Assoc Training Specialist	Training Specialist
Assoc Transportation Specialist	Transportation Specialist
Asst Accountant	Accountant
Asst Compliance Specialist	Compliance Specialist
Asst Doc Control Specialist	Doc Control Specialist
Asst Engineering Technologist	Engineering Technologist
Asst Gen Counsel Environment	General Counsel
Asst General Counsel Procurement	General Counsel
Asst Human Resource Specialist	Human Resource Specialist
Asst Procurement Specialist	Procurement Specialist
Asst Specialist	Specialist
Asst Training Specialist	Training Specialist
Auto Mechanic	Auto Mechanic
Buyer	Buyer
Captain, Security	Security Guard
Carpenter	Carpenter
Cas Operator	Cas Operator
Cas Operator Unarmed	Cas Operator
Chemist	Chemist
Communication Specialist	Communication Specialist
Compliance Specialist	Compliance Specialist
Computer Systems Analyst	Computer Systems Analyst
Cost Analyst	Cost Analyst

Cost Estimator/Scheduler	Cost Estimator/Scheduler
D&D Hazardous Reduction Tech	D&D Hazardous Reduction Tech
D&D Skilled Trades	D&D Skilled Trades
Electrician	Electrician
Engineer	Engineer
Engineering Technologist	Engineering Technologist
Environmental Coordinator	Environmenal Coordinator
Environmental Engineer	Environmental Engineer
Executive Admin Assistant	Executive Admin Assistant
Executive Assistant	Executive Assistant
Executive Secretary	Executive Secretary
Experimental Machinist	Experimental Machinist
Experimental Operator	Experimental Operator
Financial Planner	Financial Planner
Fire Insp Technician	Fire Insp Technician
Firefighter	Firefighter
General Counsel	General Counsel
General Laborer	General Laborer
Health Physicist	Health Physicist
Industrial Hygienist	Industrial Hygienist
Instructor Developer	Instructor Developer
Key Personnel	Key Personnel
Lieutenant	Security Guard
Lineman-Electrician	Lineman-Electrician
Logistics Program Mgmt V	Logistics Program Mgmt V
Machinist	Machinist
Maintenance Machinist	Maintenance Machinist
Maintenance Technologist	Maintenance Technologist
Management Integrator	Management Integrator
Manager	Manager
Manager I	Manager
Manager I, Battalion Chief	Manager, Battalion Chief
Manager II	Manager
Manager III	Manager
Manager III, Business Plng	Manager, Business Plng
Manager III, Finance Acct	Manager, Finance Acct
Manager III, Maintenance	Manager, Maintenance
Manager IV	Manager
Manager IV, Benefits	Manager, Benefits
Manager IV, Computer Operation	Manager, Computer Operation
Manager IV, Construction	Manager, Construction
Manager IV, Controller	Manager, Controller
Manager IV, Cost Accounting	Manager, Cost Accounting
Manager IV, Diversity	Manager, Diversity
Manager IV, Employee Relations	Manager, Employee Relations
Manager IV, Engineering	Manager, Engineering
Manager IV, Environmental Prot	Manager, Environmental Prot

Manager IV, Health Physics	Manager, Health Physics
Manager IV, Human Resources	Manager, Human Resources
Manager IV, Industrial Hygiene	Manager, Industrial Hygiene
Manager IV, Information System	Manager, Information System
Manager IV, Labor Relations	Manager, Labor Relations
Manager IV, Quality Assurance	Manager, Quality Assurance
Manager IV, Safety	Manager, Safety
Manager IV, Training	Manager, Training
Manager IV, Utilities	Manager, Utilities
Manager V	Manager
Manager V, Eh&S	Manager, Eh&S
Manager V, Engineering Integrator	Manager, Engineering Integra
Manager V, Health Effects	Manager, Health Effects
Manager V, Public Relations	Manager, Public Relations
Manager VI	Manager
Manager VI, Contracts	Manager, Contracts
Manager VI, Division	Manager, Division
Manager VI, Information System	Manager, Information System
Manager VI, Labor Relations	Manager, Labor Relations
Manager VI, Medicine	Manager, Medicine
Manager VII	Manager
Manager VII, Human Resources	Manager, Human Resources
Mechanical Engineer	Mechanical Engineer
Mission Support I	Mission Support I
Mission Support II	Mission Support II
Mission Support III	Mission Support III
Non-Destructive Testing Tech	Non-Destructive Testing Tech
Nuclear Engineer	Nuclear Engineer
Nurse	Nurse
Painter	Painter
Payroll Technician	Payroll Technician
Physician	Physician
Pipefitter	Pipefitter
Planner	Planner
Prin Accountant	Accountant
Prin Admin Technician	Admin Technician
Prin Administrative Specialist	Administrative Specialist
Prin Auditor	Auditor
Prin Buyer	Buyer
Prin Chemical Engineer	Chemical Engineer
Prin Chemist	Chemist
Prin Compliance Specialist	Compliance Specialist
Prin Computer Systems Analyst	Computer Systems Analyst
Prin Cost Analyst	Cost Analyst
Prin Cost Estimator/Scheduler	Cost Estimator/Scheduler
Prin Dev Engineer	Dev Engineer
Prin Electrical Engineer	Electrical Engineer

Prin Engineer	Engineer
Prin Engineering Technologist	Engineering Technologist
Prin Environmental Engineer	Environmental Engineer
Prin Environmental Scientist	Environmental Scientist
Prin Financial Planner	Financial Planner
Prin Geologist	Geologist
Prin Health Physicist	Health Physicist
Prin Human Resource Specialist	Human Resource Specialist
Prin Industrial Hygienist	Industrial Hygienist
Prin Instructor Developer	Instructor Developer
Prin Management Integrator	Management Integrator
Prin Material Scientist	Material Scientist
Prin Mechanical Engineer	Mechanical Engineer
Prin Nuclear Engineer	Nuclear Engineer
Prin Payroll Technician	Payroll Technician
Prin Planner	Planner
Prin Procurement Specialist	Procurement Specialist
Prin Project Manager	Project Manager
Prin Quality Engineer	Quality Engineer
Prin Rad Engr Technologist	Rad Engr Technologist
Prin Reg Compliance Eng	Reg Compliance Eng
Prin Safety Engineer	Safety Engineer
Prin Safety Professional	Safety Professional
Prin Scientist	Scientist
Prin Sfgds & Security Spec	Sfgds & Security Specialist
Prin Shift Technical Advisor	Shift Technical Advisor
Prin Social Scientist	Social Scientist
Prin Specialist	Specialist
Prin Subcontract Specialist	Subcontract Specialist
Prin Technical Writer/Editor	Technical Writer/Editor
Prin Training Specialist	Training Specialist
Process Specialist	Process Specialist
Procurement Specialist	Procurement Specialist
Program Mgr Cost Reduction	Program Mgr Cost Reduction
Project Manager I	Project Manager
Project Manager II	Project Manager
Rad Engr Technologist	Rad Engr Technologist
Radiological Control Tech I	Radiological Control Tech
Radiological Control Tech II	Radiological Control Tech
Risk Reduction Technician	Risk Reduction Technician
Safety Engineer	Safety Engineer
Safety Professional	Safety Professional
Secretary	Secretary
Sfgds & Security Specialist	Sfgds & Security Specialist
Sheetmetal Worker	Sheetmetal Worker
Shift Manager	Shift Manager
Shift Superintendent	Shift Superintendent

Shift Technical Advisor	Shift Technical Advisor
Specialist	Specialist
SPO Unknown Job Code/Title	SPO Unknown Job Code/Title
Sr Accountant	Accountant
Sr Acctng Technician	Accountant
Sr Admin Technician	Admin Technician
Sr Administrative Team Lead	Administrative Team Lead
Sr Auditor	Auditor
Sr Chemist	Chemist
Sr Civil Engineer	Civil Engineer
Sr Clerk	Clerk
Sr Communication Specialist	Communication Specialist
Sr Compliance Specialist	Compliance Specialist
Sr Computer Systems Analyst	Computer Systems Analyst
Sr Cost Analyst	Cost Analyst
Sr Cost Estimator/Scheduler	Cost Estimator/Scheduler
Sr Counsel	Counsel
Sr Dev Engineer	Dev Engineer
Sr Electrical Engineer	Electrical Engineer
Sr Engineer	Engineer
Sr Engineering Technologist	Engineering Technologist
Sr Environmental Engineer	Environmental Engineer
Sr Environmental Scientist	Environmental Scientist
Sr Financial Planner	Financial Planner
Sr Firefighter	Firefighter
Sr Geologist	Geologist
Sr Health Physicist	Health Physicist
Sr Human Resource Specialist	Human Resource Specialist
Sr Industrial Hygienist	Industrial Hygienist
Sr Instructor Developer	Instructor Developer
Sr Management Integrator	Management Integrator
Sr Mtce Technician	Mtce Technician
Sr Nuclear Engineer	Nuclear Engineer
Sr Payroll Technician	Payroll Technician
Sr Planner	Planner
Sr Prin Air Quality Env Eng	Air Quality Env Eng
Sr Prin Chemical Engineer	Chemical Engineer
Sr Prin Chemist	Chemist
Sr Prin Civil Engineer	Civil Engineer
Sr Prin Electrical Engineer	Electrical Engineer
Sr Prin Engineer	Engineer
Sr Prin Envion Protection Eng	Envion Protection Eng
Sr Prin Environment Scientist	Environmental Scientist
Sr Prin Environmental Engin	Environmental Engineer
Sr Prin Industrial Engineer	Industrial Engineer
Sr Prin Industrial Hygienist	Industrial Hygienist
Sr Prin Life Scientist	Life Scientist

Sr Prin Material Scientist	Material Scientist
Sr Prin Mechanical Engineer	Mechanical Engineer
Sr Prin Nuclear Engineer	Nuclear Engineer
Sr Prin Physicist	Physicist
Sr Prin Quality Engineer	Quality Engineer
Sr Prin Safety Engineer	Safety Engineer
Sr Prin Safety Professional	Safety Professional
Sr Prin Scientist	Scientist
Sr Prin Shift Technical Advis	Shift Technical Advisor
Sr Procurement Specialist	Procurement Specialist
Sr Project Manager	Project Manager
Sr Rad Engr Technologist	Rad Engr Technologist
Sr Safety Engineer	Safety Engineer
Sr Safety Professional	Safety Professional
Sr Scientific Technologist	Scientific Technologist
Sr Secretary	Secretary
Sr Sfgds & Security Specialist	Sfgds & Security Specialist
Sr Shift Manager	Shift Manager
Sr Shift Technical Advisor	Shift Technical Advisor
Sr Social Scientist	Social Scientist
Sr Specialist	Specialist
Sr Subcontract Specialist	Subcontract Specialist
Sr Technical Team Lead	Technical Team Lead
Sr Technician	Technician
Sr Training Specialist	Training Specialist
Srt Security Guard	Security Guard
Stationary Operating Engineer	Stationary Operating Engineer
STL Unknown Job Code/Title	STL Unknown Job Code/Title
Subcontract Specialist	Subcontract Specialist
Support Supervisor I	Support Supervisor
Support Supervisor II	Support Supervisor
Technical Supervisor I	Technical Supervisor
Technical Supervisor II	Technical Supervisor
Technical Team Lead	Technical Team Lead
Technical Writer/Editor	Technical Writer/Editor
Technician	Technician
Temp Unarmed Security Guard	Security Guard
Training Specialist	Training Specialist
Unarmed Security Guard	Security Guard
Uneval Non-Exempt	Uneval Non-Exempt
Unevaluated Exempt Person	Unevaluated Exempt Person
Utility Worker	Utility Worker
Vehicle Operator	Vehicle Operator
Waste Water Treatment Oper	Waste Water Treatment Oper

Table AIII-II – Job exposure categories

Job exposure categories
Admin
Bldg Support
D & D
Emergency/Security
Health Physics
NDT
R & D
Tech Support
Unknown
Waste Management

Table AIII-III – Functional job titles with associated job exposure categories

Functional job title	Job exposure category
Accountant	Admin
Admin Technician	Admin
Administrative Specialist	Admin
Administrative Team Lead	Admin
Air Quality Env Eng	Tech Support
Auditor	Admin
Auto Mechanic	Bldg Support
Buyer	Admin
Carpenter	Bldg Support
Cas Operator	Emergency/Security
Chemical Engineer	Tech Support
Chemist	Tech Support
Civil Engineer	Tech Support
Clerk	Admin
Communication Specialist	Admin
Compliance Specialist	Admin
Computer Systems Analyst	Admin
Cost Analyst	Admin
Cost Estimator/Scheduler	Admin
Counsel	Admin
D&D Hazardous Reduction Tech	D & D
D&D Skilled Trades	D & D
Dev Engineer	Tech Support
Doc Control Specialist	Admin
Electrical Engineer	Tech Support
Electrician	Bldg Support
Engineer	Tech Support
Engineering Technologist	Tech Support
Envion Protection Eng	Tech Support
Environmenal Coordinator	Tech Support
Environmental Engineer	Tech Support
Environmental Scientist	Tech Support

Executive Admin Assistant	Admin
Executive Assistant	Admin
Executive Secretary	Admin
Experimental Machinist	R & D
Experimental Operator	R & D
Fellow Engineer	Tech Support
Fellow Scientist	Tech Support
Financial Planner	Admin
Fire Insp Technician	Emergency/Security
Firefighter	Emergency/Security
General Counsel	Admin
General Laborer	Bldg Support
Geologist	Tech Support
Health Physicist	Admin
Human Resource Specialist	Admin
Industrial Engineer	Tech Support
Industrial Hygienist	Tech Support
Instructor Developer	Admin
Key Personnel	Admin
Life Scientist	Admin
Lineman-Electrician	Bldg Support
Logistics Program Mgmt V	Admin
Machinist	Bldg Support
Maintenance Machinist	Bldg Support
Maintenance Technologist	Bldg Support
Management Integrator	Admin
Manager	Admin
Manager, Battalion Chief	Admin
Manager, Benefits	Admin
Manager, Business Plng	Admin
Manager, Computer Operation	Admin
Manager, Construction	Admin
Manager, Contracts	Admin
Manager, Controller	Admin
Manager, Cost Accounting	Admin
Manager, Diversity	Admin
Manager, Division	Admin
Manager, Eh&S	Admin
Manager, Employee Relations	Admin
Manager, Engineering	Admin
Manager, Engineering Integra	Admin
Manager, Environmental Prot	Admin
Manager, Finance Acct	Admin
Manager, Health Effects	Admin
Manager, Health Physics	Admin
Manager, Human Resources	Admin
Manager, Industrial Hygiene	Admin

Manager, Information System	Admin
Manager, Labor Relations	Admin
Manager, Maintenance	Admin
Manager, Medicine	Admin
Manager, Public Relations	Admin
Manager, Quality Assurance	Admin
Manager, Safety	Admin
Manager, Training	Admin
Manager, Utilities	Admin
Material Scientist	Tech Support
Mechanical Engineer	Tech Support
Mission Support I	Bldg Support
Mission Support II	Bldg Support
Mission Support III	Bldg Support
Mtce Technician	Bldg Support
Non-Destructive Testing Tech	NDT
Nuclear Engineer	Tech Support
Nurse	Admin
Painter	Bldg Support
Payroll Technician	Admin
Physician	Admin
Physicist	Admin
Pipefitter	Bldg Support
Planner	Admin
Process Specialist	Waste Management
Procurement Specialist	Admin
Program Mgr Cost Reduction	Admin
Project Manager	Admin
Quality Engineer	Tech Support
Rad Engr Technologist	Tech Support
Radiological Control Tech	Health Physics
Reg Compliance Eng	Tech Support
Risk Reduction Technician	D & D
Safety Engineer	Tech Support
Safety Professional	Tech Support
Scientific Technologist	Tech Support
Scientist	Tech Support
Secretary	Admin
Security Guard	Emergency/Security
Sfgds & Security Specialist	Emergency/Security
Sheetmetal Worker	Bldg Support
Shift Manager	Admin
Shift Superintendent	Admin
Shift Technical Advisor	Tech Support
Social Scientist	Admin
Specialist	Admin
SPO Unknown Job Code/Title	Unknown

Stationary Operating Engineer	Bldg Support
STL Unknown Job Code/Title	Unknown
Subcontract Specialist	Admin
Support Supervisor	Tech Support
Technical Supervisor	Tech Support
Technical Team Lead	Tech Support
Technical Writer/Editor	Tech Support
Technician	Bldg Support
Technician	Tech Support
Training Specialist	Admin
Transportation Specialist	Bldg Support
Uneval Non-Exempt	Admin
Unevaluated Exempt Person	Admin
Utility Worker	Bldg Support
Vehicle Operator	Bldg Support
Waste Water Treatment Oper	Waste Management